VersaUV® LEJ-640FT

Take Your Creativity to New Heights.

The only wide-format UV flatbed that can print on material 6-inches thick.

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VersaUV LEJ-640FT

Replaceable felt print surface for substrate protection

Robust 64" x 98" flatbed

Unsurpassed media compatibility for substrates of 6" thick and up to 220 pounds

Handheld computerized EZ Control Unit for efficient and accurate printer control

Laser Media Sensors for print head protection

Powerful, zoned vacuum system for holding even difficult materials flat

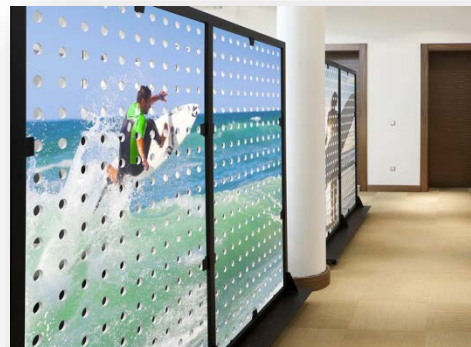Dual gear motors incorporate stepper motors and rack and pinion drive system for precision printing

Cross-hair laser guide for base-point selection

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Target Customers

Industry	POP Display, Industrial & Promotional Sign Shops, Graphic & Interior Design, Architectural & Art Display Customized & Personalized Products
Application	Outdoor and indoor signage, display advertising, POP, artistic & architectural prints, museum graphics, customized promotional items, specialty varnish or white display graphics, packaging and much more.

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Top 5 Reasons to Buy

1   Unparalleled Print Technology

2   Advanced Print Control Features

3   Advanced Productivity Features

4   Consistency & Support

5   Smart Savings & Competitive Advantage

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① Unparalleled Print Technology

- Unsurpassed media capability

- News sales opportunities for product decoration or personalized, high-valued customization

- Full bleed, 2-sided printing on up 63" x 96"

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1 Unparalleled Print Technology

Opens up new opportunities for high-valued customization

- Substrates up to 6 inches thick

- Weighing as much as 220 pounds!

- Supports media up to

  64"(W) x 98"(L)
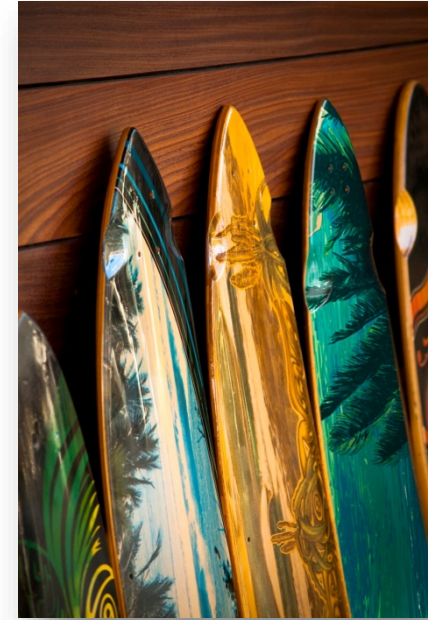
- Full bleed printing up to

  63"(W) x 96"(L)

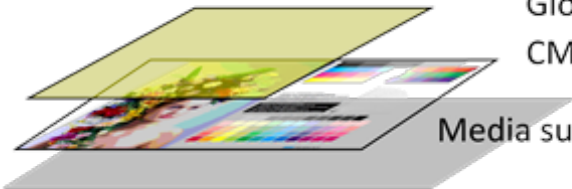

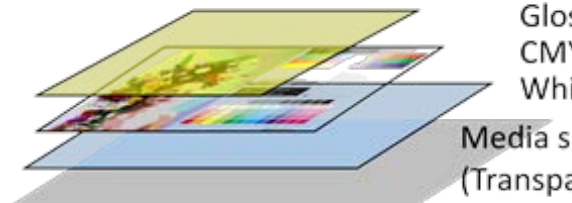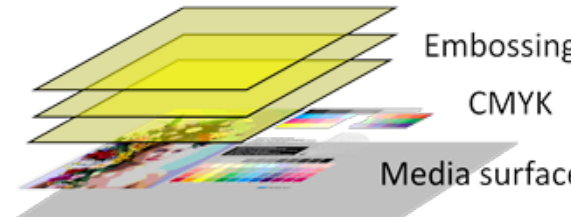Imagine. Roland®

1 Unparalleled Print Technology
Unsurpassed media compatibility

- Full 4' x 8' broad media compatibility

- Wood, laminates, metallic, PP,

  PE, PET, PVC, Foamboard, Sintra®,

  corrugated cardboard, acrylic, etc.

- Excellent scratch and chemical resistance

- Perfect for indoor (POP, exhibit displays, print specialty items, interior décor,

  press-proofs, packaging comps, art and design concepts …)

- Short term outdoors (lasts up to 2 years with clear coat or up to 1 year

  without clear coat)

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Unparalleled Print Technology
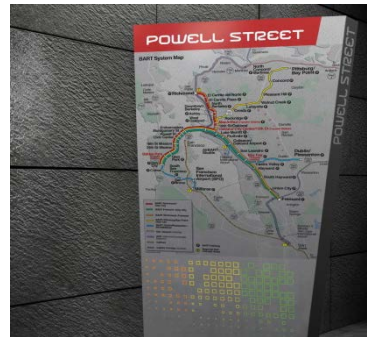
Print Modes	
Gloss CMYK Media surface	White Mirrored CMYK Media surface (Transparent)
Gloss CMYK White Media surface (Transparent)	Embossing CMYK Media surface

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1 Unparalleled Print Technology
Flat out versatile

Imagine. **Roland**®

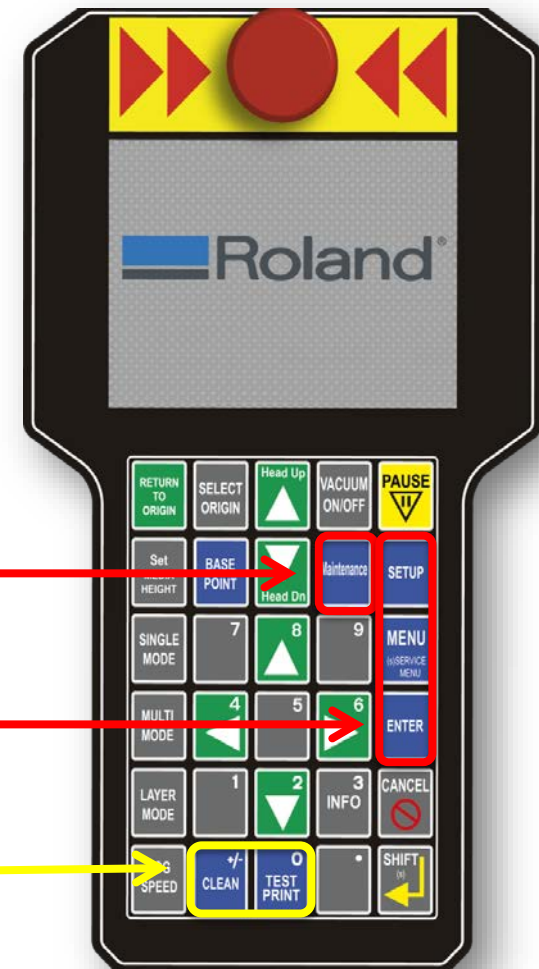# 2 Advanced Print Control Features

EZ Hand-held controller

- One-Touch Maintenance
- Setup & Menu
- Printer Movement
- Automatic/Manual Media Detection
- Optimized User Modes
- Media Loading Zones
- Base Point and Vacuum Control
- Programmable Origin Control/Setup

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Advanced Print Control Features

EZ Hand-held controller

- One-Touch maintenance
  - Guides users though the maintenance of the printer with a push of a button.
- Printer setup & menu allows users to access all printer operations menus with the Hand-held Controller unit or at the printer.
  - Media settings
  - Calibrations
  - Sub menus
  - System info
  - Ink remaining etc.
- Cleaning/Test Print
  - Allows users to perform printer test print and cleaning remotely.

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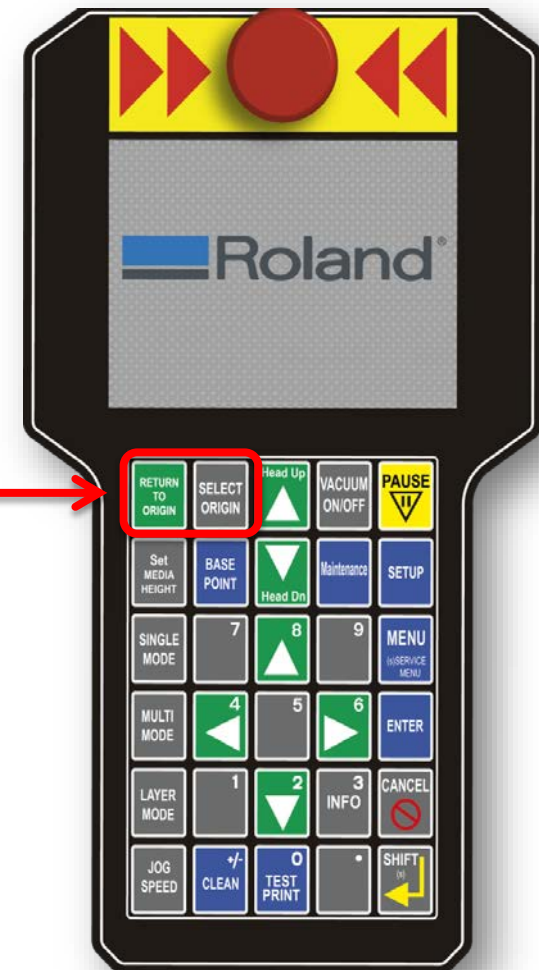**② Advanced Print Control Features**

EZ Hand-held controller

- Programmable origin

  control/setup

  - Return to origin

  - Allows users to return to origin of

    the printer. Printer returns to home

    (X and Y) axis point and raises the printer (Z

    axis) to it's highest

    elevation point.

- Select origin

  - Allows users to set an origin point

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③ Advanced Productivity Features

- Dual media sensors

- Powerful, zoned vacuum system

- Replaceable felt table top

- Dual gear motors

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3 Advanced Productivity Features
Dual media sensors

- Media thickness sensor

  - Thru-beam transmitter and receiver

    sensors for reliable operation

  - Works with wider range of substrate

- Media obstruction sensor/rear crash sensor

  - Sensors designed to identify media irregularity
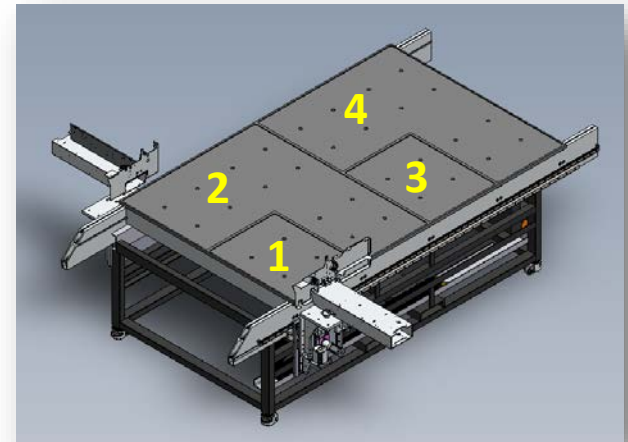
  - Foreign objects placed in the printer path

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③ Advanced Productivity Features
Powerful, zoned vacuum system

- 175 CFM commercial vacuum.

- Easily handles MDF, plywood,

  Sintra, Coroplast®, Styrene, and

  other industry standard materials.

- Zoned table designed for

  optimal print production in four

  areas of the bed.

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4 Consistency & Support

- Roland Consistency

  - Flexible ink configuration

  - Patent-pending Automatic Ink Circulation System

  - Low-heat UV-LED curing system with choices of finishes

  - Roland Intelligent Pass Control™ for enhanced image quality

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4 Consistency & Support
Flexible ink configuration

- Choose from four ink configurations:

  ECO-UV® – Perfect for prototyping
  and graphic applications in general
  - CMYK + White + Clear
  - CMYK + White + White
  - CMYK + Clear + Clear

  ECO-UV S
  - CMYK + White + White

CMYK GW

ECO-UV Features:
- Flexible – prints can be applied on edges or curved surfaces without cracking
- Wide color gamut
- Excellent scratch resistance

ECO-UV S Features:
- Extremely elastic – stretches up to 220%
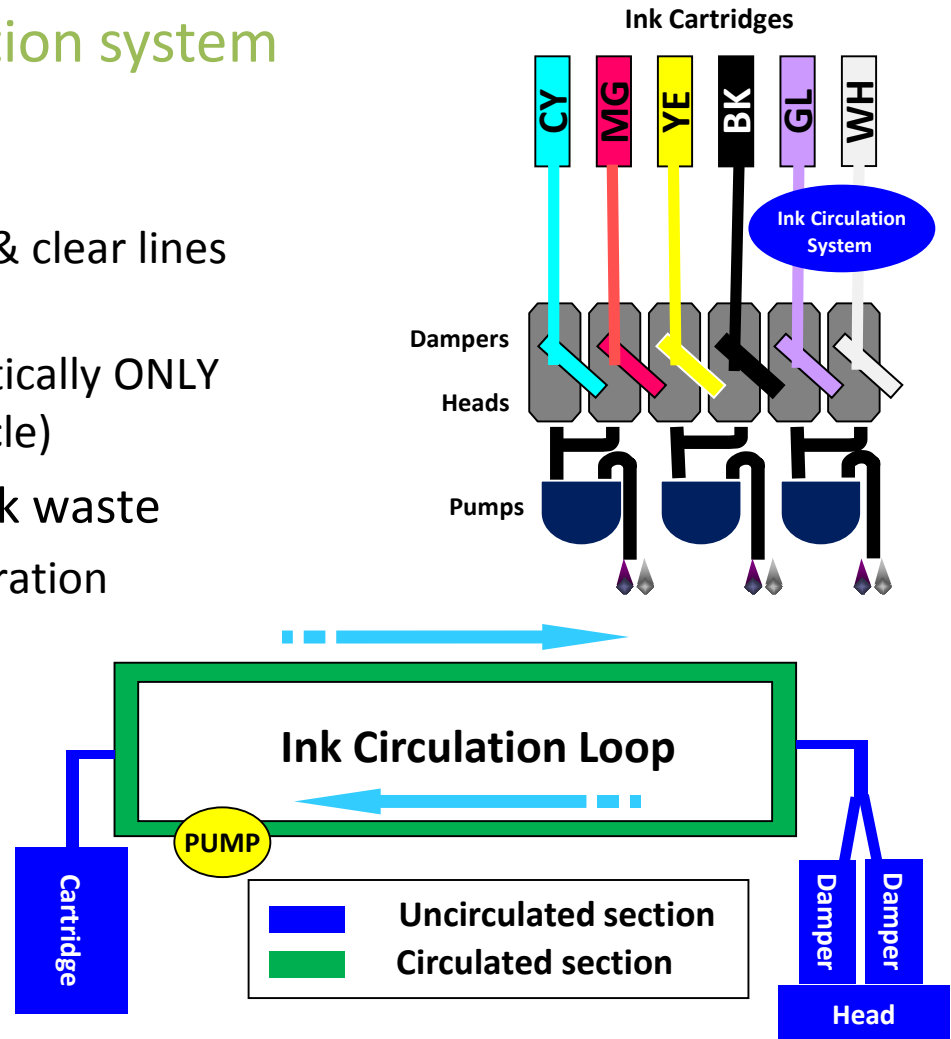- Similar properties as ECO-UV (color gamut, scratch resistance)

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Consistency & Support
Automated ink circulation system

- Patent-pending feature
  - Circulates ink in white & clear lines as needed
  - Discharges ink automatically ONLY when needed (8 hr. cycle)
- Dramatically reduces ink waste
  - Eliminates manual operation
  - Improves unattended printing

White ink cartridge MUST be vigorously shaken at least once a day (typically once in the morning)
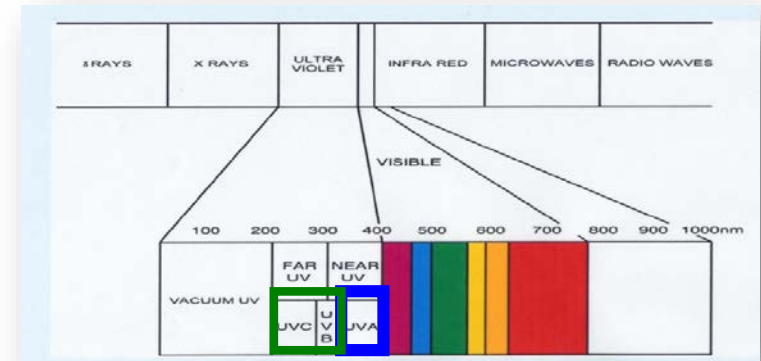
Ink Cartridges

CY MG YE BK GL WH

Ink Circulation System

Dampers

Heads

Pumps

Ink Circulation Loop

PUMP

Cartridge

Damper **Damper**

Head

	Uncirculated section
	Circulated section

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4 Consistency & Support
Low-heat UV-LED curing system

- Dual UV LED lamps
    - Long life (last up to 10,000 hours)
- Energy efficient: 90% less power than standard UV printers
    - Instant On/Off – LED lamps can be turned on and off instantly and are ready to use immediately
- Ozone-free
- Safer UV light
    - Only UV-A radiation
- Low heat
    - Causes no damage to substrate

Metal Halide Lamp   **LED**

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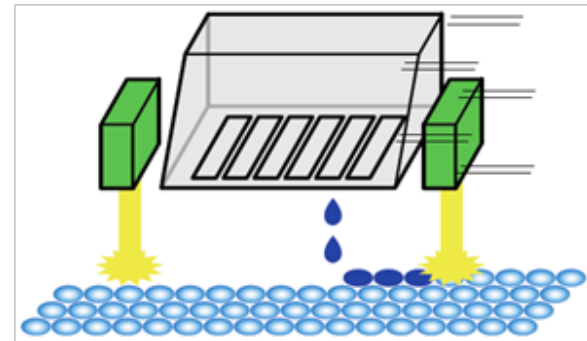
4 Consistency & Support

UV curing system – choice of matte or gloss finishes

- The LEJ-640FT is optimized for a wide variety of substrates and allows the choice of gloss or matte finishing options with clear coat.
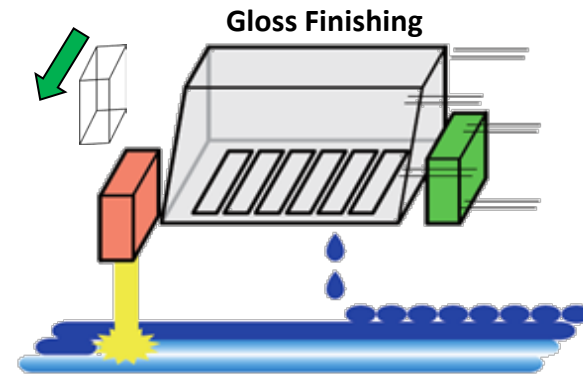
LEJ-640FT

CMYK/White Printing or Matte Finishing

Inline curing

Gloss Finishing

Delayed curing

Imagine. **Roland**®
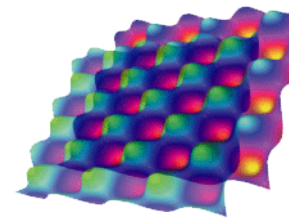
4 Consistency & Support
Roland Intelligent Pass Control

- Patent-pending Roland technology

- Reduces banding

- Optimized print quality and performance

- Roland Intelligent Pass Control ensures consistent print quality with virtually no signs of banding in all print modes.

Roland Intelligent Pass Control

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4 Consistency & Support
Roland service

2-Year warranty

- Warranty extended to two years based on VersaUV inks and product registration

Roland Care

- Extended warranties available

Roland Academy

- Free online webinar training

Imagine. **Roland**®

5 Smart Savings & Competitive Advantage

- Competitively priced

- Roland OnSupport

- Included RIP

Imagine. **Roland**®

5 Smart Savings & Competitive Advantage

List Price   **$89,995^{00} US**

Smart Savings & Competitive Advantage
Includes Roland VersaWorks Dual® RIP software

- **Spot Color Generation Tool**

  Users have the option of a "quick fix" when attributing spot color Gloss, White or Primer ink to areas of a file, prior to printing.

- **Advanced Variable Data with Rotation Function**

  VersaWorks Dual features new variable printing features that allow users to rotate, mirror and align images and text inside the RIP.

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Thank You.